

### **ABSTRACT OF THE DISCLOSURE**

Thermographic and photothermographic materials comprise a barrier layer to provide physical protection and to prevent migration of diffusible imaging components and by-products resulting from high temperature imaging and/or development. The barrier layer comprises a scavenger that is a metal  
5 hydroxide or ester. This barrier layer is capable of retarding diffusion of mobile chemicals such as organic carboxylic acids, developers, and toners.